|  |
| --- |
| import os |
|  | import time |
|  | import shutil |
|  |  |
|  | def main(): |
|  | deleted\_folders\_count = 0 |
|  | deleted\_files\_count = 0 |
|  |  |
|  | path = "/Path\_to\_Delete" |
|  | days = 30 |
|  |  |
|  | seconds = time.time() |
|  |  |
|  | if os.path.exists(path): |
|  |  |
|  | for root\_folder, folders, files in os.walk(path): |
|  | if seconds >= getFileOrFolderAge(root\_folder): |
|  | removeFolder(root\_folder) |
|  | deleted\_folders\_count += 1 |
|  |  |
|  | break |
|  |  |
|  | else: |
|  | for folder in folders: |
|  | folderPath = os.path.join(root\_folder, folder) |
|  |  |
|  | if seconds >= getFileOrFolderAge(folderPath): |
|  | removeFolder(folderPath) |
|  | deleted\_folders\_count += 1 |
|  |  |
|  | for file in files: |
|  | filePath = os.path.join(root\_folder, file) |
|  |  |
|  | if seconds >= getFileOrFolderAge(filePath): |
|  | removeFile(filePath) |
|  | deleted\_files\_count += 1 |
|  |  |
|  | else: |
|  | if seconds >= getFileOrFolderAge(path): |
|  | removeFile(path) |
|  | deleted\_files\_count += 1 |
|  |  |
|  | else: |
|  | print('"{path}" is not found!') |
|  | deleted\_files\_count += 1 |
|  |  |
|  | print("Total folders deleted: {deleted\_folders\_count}") |
|  | print("Total files deleted: {deleted\_files\_count}") |
|  |  |
|  | def removeFolder(path): |
|  |  |
|  | if not shutil.rmtree(path): |
|  | print("{path} is removed successfully") |
|  |  |
|  | else: |
|  | print("Unable to delete the "+path ) |
|  |  |
|  | def removeFile(path): |
|  |  |
|  | if not os.remove(path): |
|  | print("{path} is removed successfully") |
|  |  |
|  | else: |
|  | print("Unable to delete the "+path ) |
|  |  |
|  | def getFileOrFolderAge(path): |
|  |  |
|  | # getting ctime of the file/folder |
|  | # time will be in seconds |
|  | ctime = os.stat(path).st\_ctime |
|  |  |
|  | # returning the time |
|  | return ctime |
|  |  |
|  | if \_\_name\_\_ == '\_\_main\_\_': |
|  | main() |